## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 18 August 2005 (18.08.2005)

**PCT** 

## (10) International Publication Number $WO\ 2005/074377\ A3$

(51) International Patent Classification<sup>7</sup>: A61B 1/00

(21) International Application Number:

PCT/IL2005/000152

(22) International Filing Date: 7 February 2005 (07.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/542,680 9 February 2004 (09.02.2004) US 60/559,461 6 April 2004 (06.04.2004) US

- (71) Applicant (for all designated States except US): SMART MEDICAL SYSTEMS LTD. [IL/IL]; 12 Macabi Street, 43254 Raanana (IL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): TERLIUC, Gad [IL/IL]; 12 Macabi Street, 43254 Raanana (IL).
- (74) Agents: SANFORD T. COLB & CO. et al.; P.O. Box 2273, 76122 Rehovot (IL).

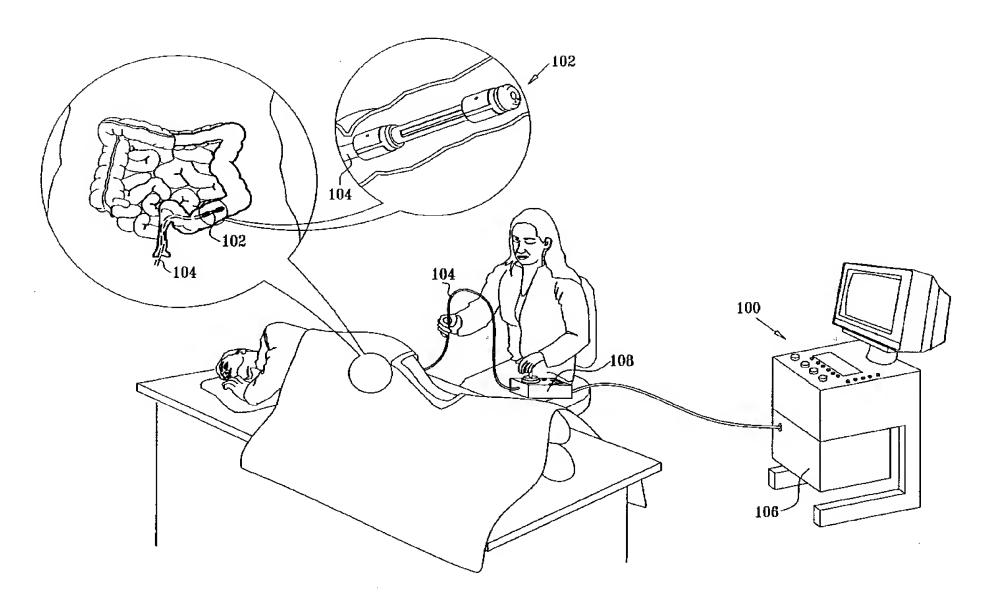
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## **Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: ENDOSCOPE ASSEMBLY



(57) Abstract: A locomotive endoscope assembly including a locomotive endoscope head (102) including a main portion extending along a longitudinal axis and having a first selectively inflatable balloon (500) associated therewith and a selectably positionable portion, selectably axially positionable along the main portion and having a second selectably inflatable balloon (502) associated therewith and a locomotive endoscope head controller (100) controlling the operation of the locomotive endoscope head (102) and being operative for controlling positioning of the selectably positionable portion relative to the main portion and selectable inflation of the first and second selectably inflatable balloons (500, 502).



## WO 2005/074377 A3



(88) Date of publication of the international search report: 10 November 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.